

# KENWOOD SPECTRUM 870AV SYSTEM

## CONGRATULATIONS!

This guide will show you how to connect all of the different parts of your Spectrum 870AV System. Simply perform the following steps (on both sides) to build your new system.

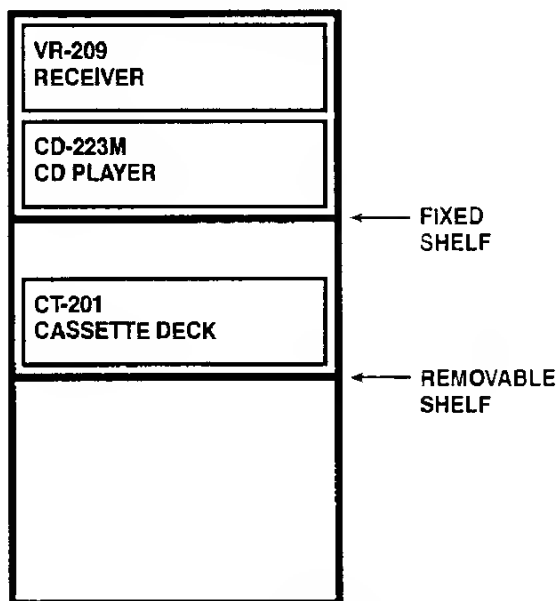
For more detailed connection information, and to learn how to assemble the rack and operate all of the system's components, please read the manuals that come with the rack and the components.

## STEP 1 – Stacking The Components In The Rack

To make sure that they're properly ventilated and stable, stack the components according to the diagram on the right. If you're using a turntable, place it on top of the rack.

**IMPORTANT:** Do not plug the receiver's power cord into an AC outlet until you have properly made all of the connections listed in steps 3 through 7.

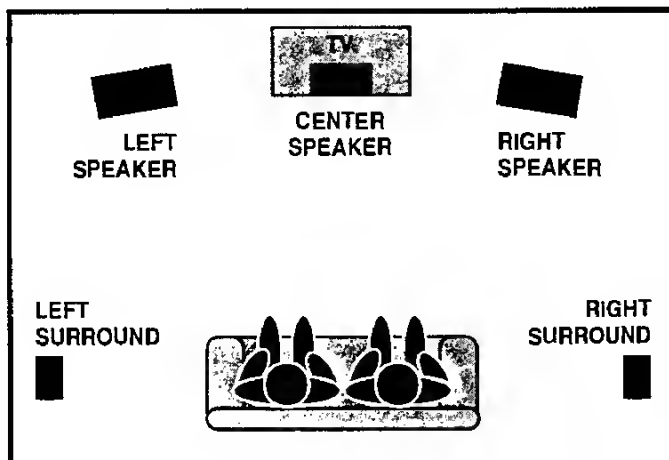
SPECTRUM 870AV RACK



## STEP 2 – Placing The Speakers

Place the speakers as shown in the diagram on the right. While you're setting the speakers up, keep these points in mind:

- Since the left, right, and center speakers are magnetically-shielded, you can place them near the TV without picture discoloration. The center speaker can be placed right on top of the TV.
- You can hang the surround speakers on the wall using heavy-duty picture hangers.
- Placing the left and right speakers next to a wall produces more deep bass output than placing them away from a wall. Placing the speakers in corners produces the deepest bass output overall, but may cause the sound to become "muddy" or "heavy."

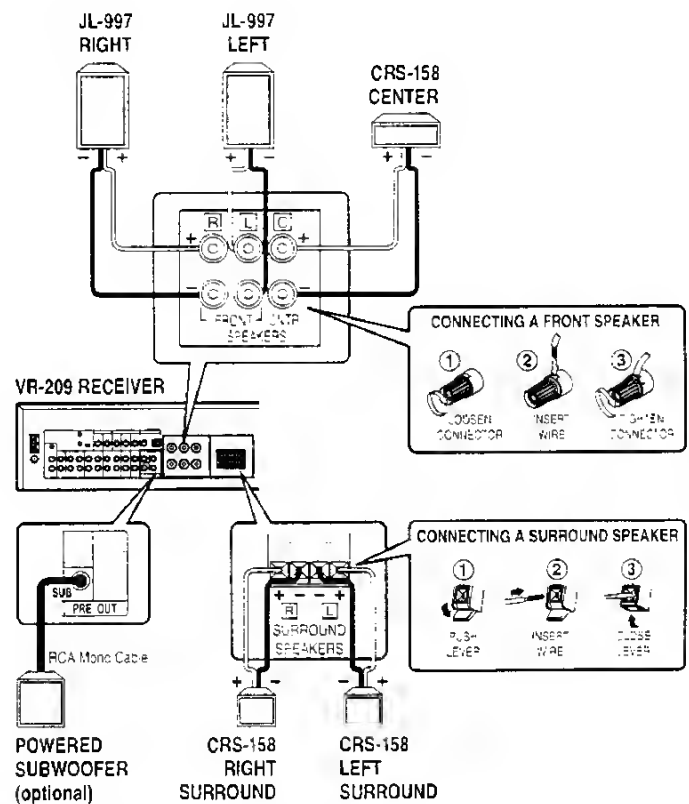


# STEM QUICK-CONNECT GUIDE

## STEP 3 – Connecting The Speakers

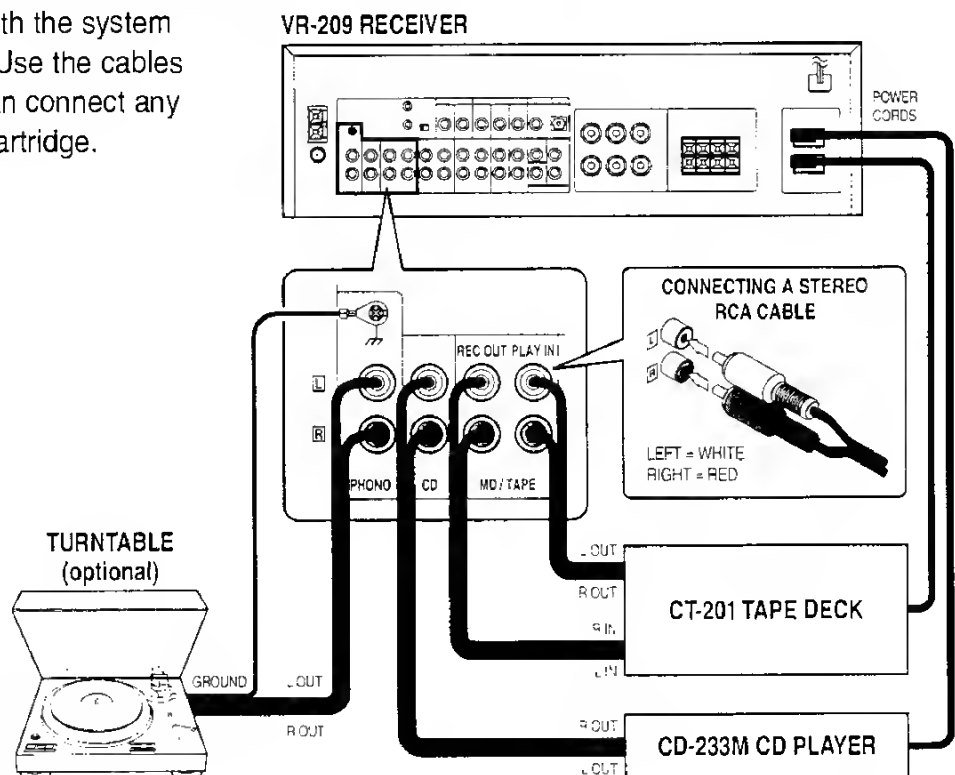
Connect the speakers as shown in the diagram on the right, using the wires supplied with the speakers. To make it easier, we've removed the insulation from the ends of the wires.

- Be sure to connect the (+) terminals on the receiver to the (+) terminals on the speakers, and the (–) terminals on the receiver to the (–) terminals on the speakers. Connecting (+) to (–) can cause poor sound quality.
- Never allow the (+) and (–) speaker wires to touch each other. Touching wires can cause a short circuit, which could damage the receiver.



## STEP 4 – Connecting The Audio Components

Connect the components that came with the system as shown in the diagram on the right. Use the cables supplied with each component. You can connect any turntable that has a magnetic phono cartridge.

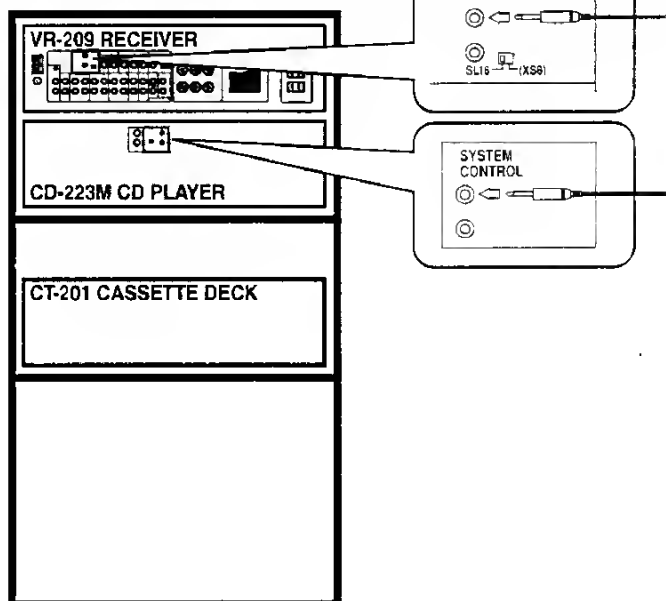


## STEP 5 – Connecting the System Control Cable

Connect the System Control cable between the receiver and CD player as shown in the diagram on the right. Be sure to push the plugs all the way in.

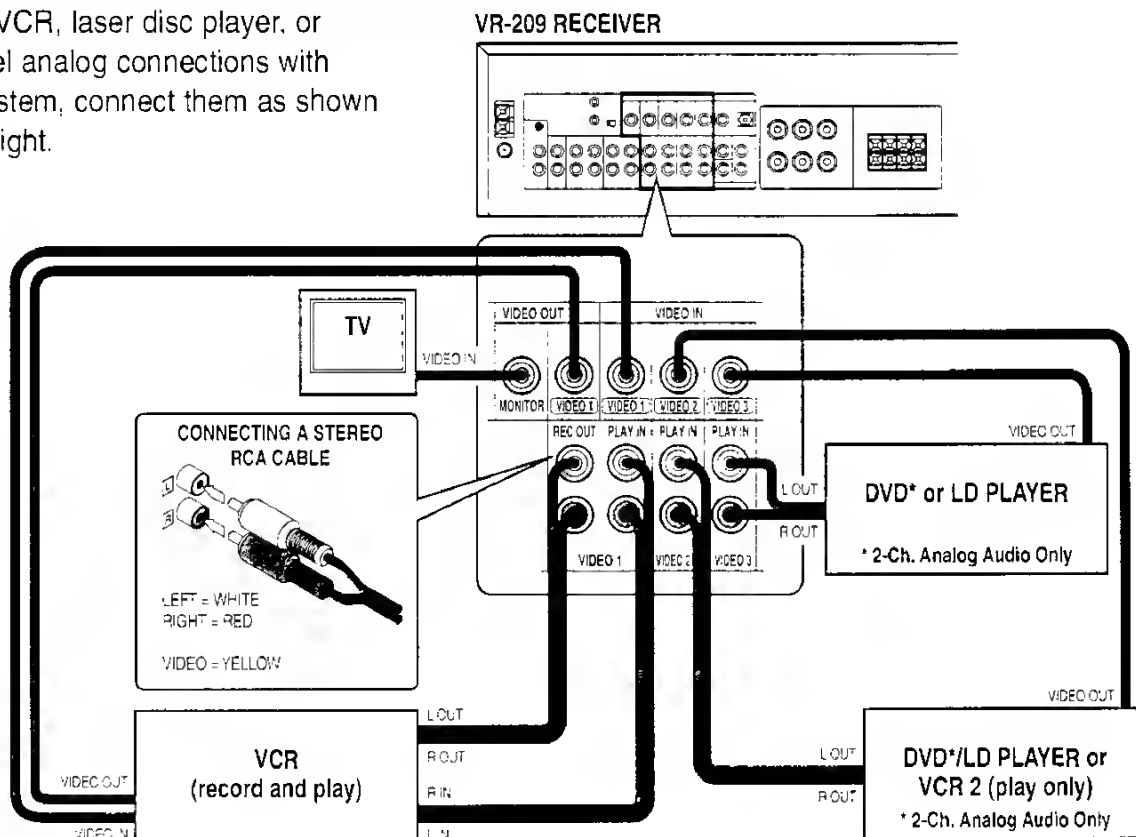
*NOTE: Make sure that the SL16/XS8 switch is in the SL16 position.*

### SPECTRUM 870AV RACK



## STEP 6 – Connecting Video Components

If you use an optional VCR, laser disc player, or DVD player's 2-channel analog connections with your Spectrum 870 System, connect them as shown in the diagram on the right.



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## STEP 7 – Connecting a DVD/LD Player or Dolby Digital LD Player

### Connecting a DVD/CD Player (using its digital output)

Connect a DVD or CD player with a digital output to the VIDEO 2 (coaxial) or VIDEO 3 (optical) Dolby Digital/PCM INPUT according to the diagram on the right.

Connect its video outputs to the corresponding video inputs as shown in the diagram in *STEP 6 – Connecting Video Components*.

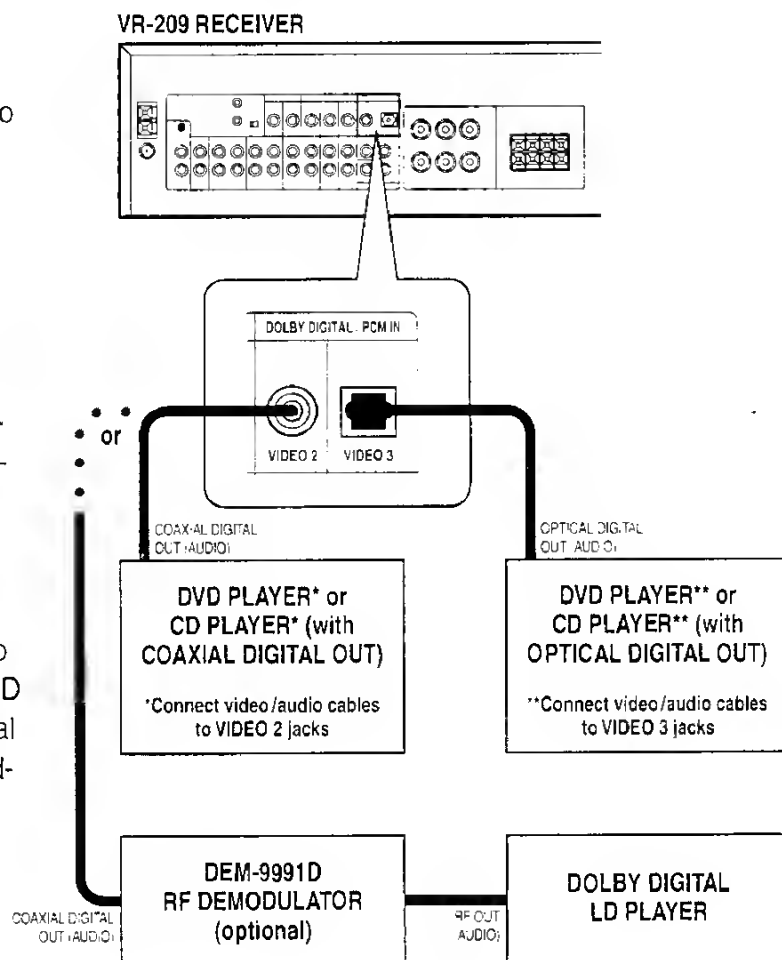
*NOTE: If you're using the DVD or CD player's digital output, it is not necessary to connect its 2-channel analog outputs.*

### Connecting a Dolby Digital LD Player

Connect a Dolby Digital LD player's AC-3 RF output to an RF demodulator, such as the Kenwood DEM-9991D (sold separately). Connect the RF demodulator's digital output to the VIDEO 2 Dolby Digital/PCM input according to the diagram on the right.

Connect the LD player's video and 2-channel analog outputs to the corresponding VIDEO 2 inputs as shown in the diagram in *STEP 6 – Connecting Video Components*.

*NOTE: Do not connect the LD player's AC-3 RF output directly to the receiver.*



## QUESTIONS ABOUT YOUR NEW SYSTEM?

If you have any questions about your new system, please contact our Stage 3 Customer Service Department on any business day at:

- (310) 639-5300 from 8:30 A.M. to 5:00 P.M., Pacific Time

Or visit our website anytime at:

- [www.kenwoodusa.com](http://www.kenwoodusa.com)